

GE Healthcare
Life Sciences

Protein and Nucleic Acid Sample Preparation

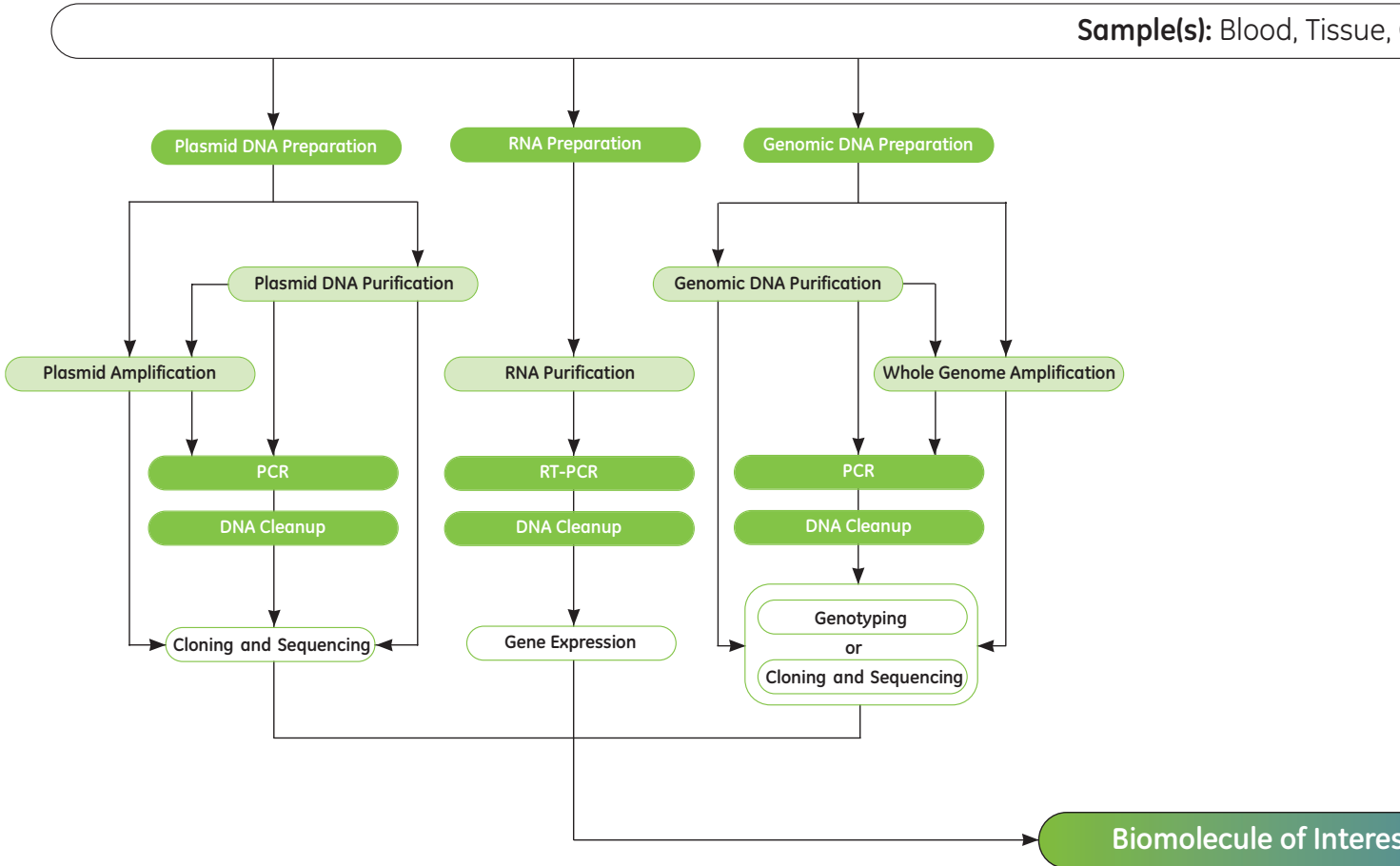
Selection Guide



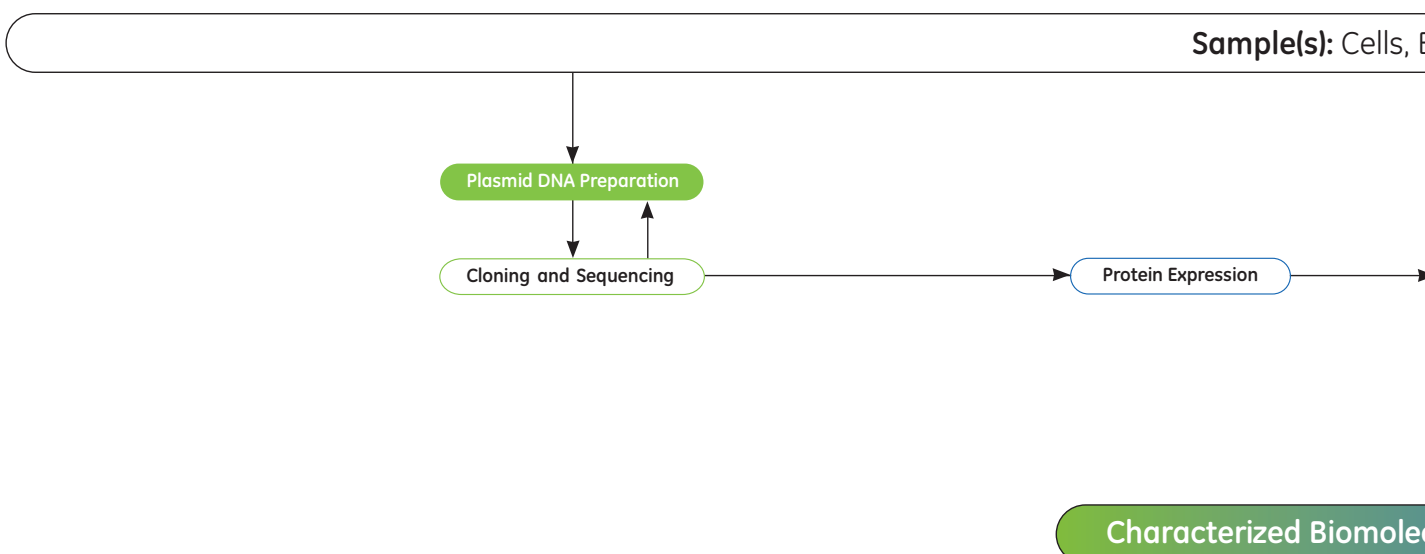
Nucleic Acid and Protein Workflows

Nucleic Acid Workflow

Genome and Gene Analysis



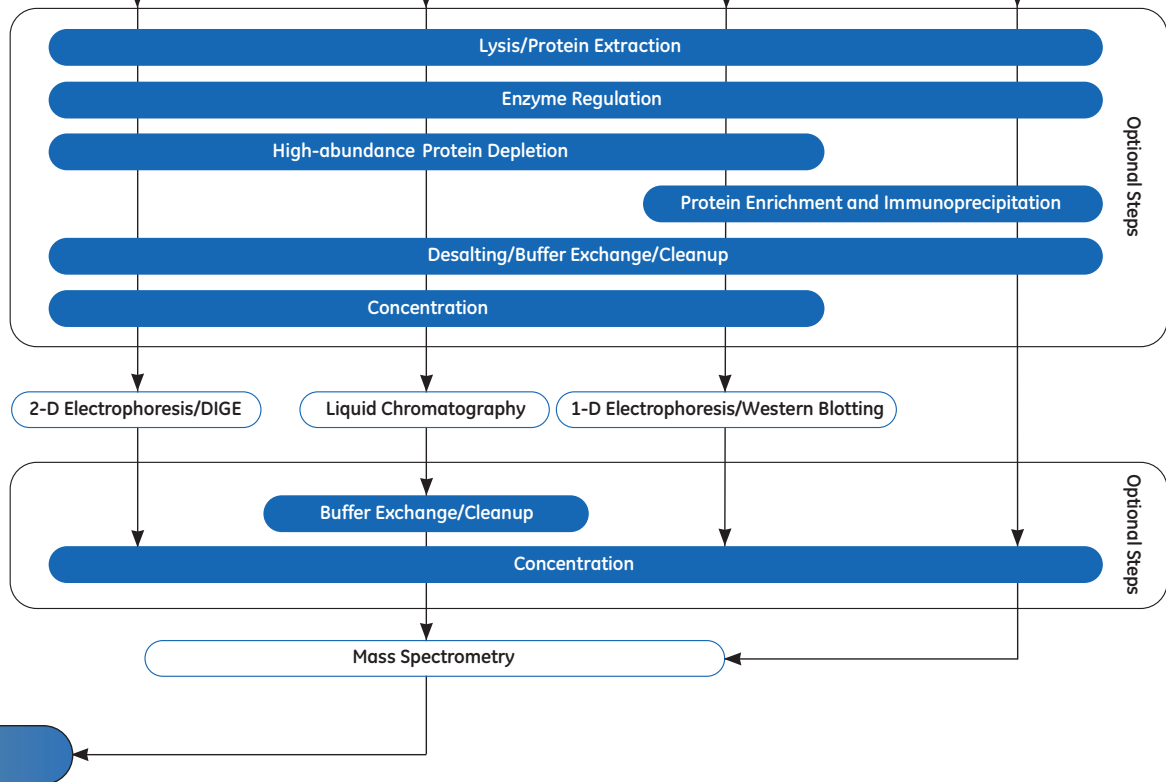
Construction of Expression-ready DNA Clones



Protein Workflow

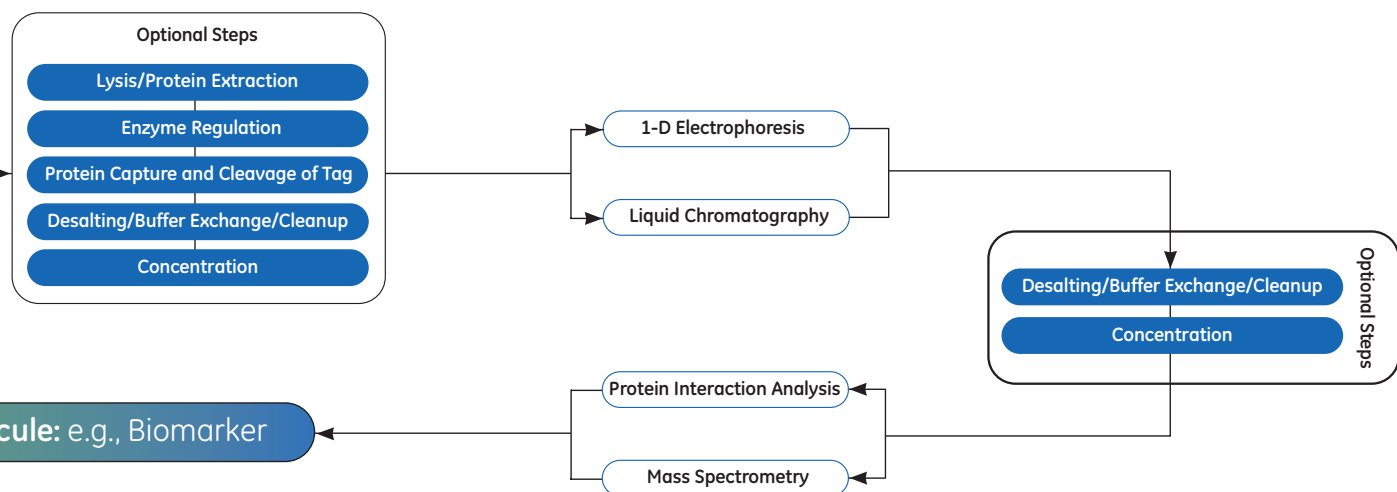
Differential Expression Analysis Protein Mapping

Cells, Bacteria, Yeast

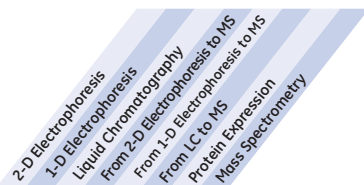


Overexpression and Purification of Specific Proteins: Structure and Function Studies

Bacteria, Yeast



Protein Sample Preparation



Untagged Protein Enrichment	Code No.									
NHS HP SpinTrap™	28-9031-28	•								• Bulk NHS HP Sepharose™ and empty spin columns for coupling of an affinity molecule with a primary amine
NHS Mag Sepharose	28-9440-09 28-9513-80	•								• Magnetic beads for coupling of an affinity molecule with a primary amine, pull-down applications
NHS HP SpinTrap Buffer Kit	28-9135-69	•								• Buffers for immuno-affinity enrichment using NHS HP SpinTrap
Streptavidin HP SpinTrap	28-9031-30	•								• Coupling of a biotinylated affinity molecule, spin column format
Streptavidin HP SpinTrap Buffer Kit	28-9135-68	•								• Buffers for immuno-affinity enrichment using Streptavidin HP SpinTrap
Streptavidin HP MultiTrap™	28-9031-31	•								• Coupling of a biotinylated affinity molecule in 96-well filter plates by vacuum or centrifuge, larger sample series or automation
Streptavidin Mag Sepharose	28-9857-38 28-9857-99	•								• Magnetic beads for coupling of a biotinylated affinity molecule for IP experiment or direct capture of biotinylated biomolecules
Protein A HP SpinTrap	28-9031-32	•								• Coupling of an IgG affinity molecule, spin column format
Protein A HP MultiTrap	28-9031-33	•								• Coupling of an IgG affinity molecule in 96-well filter plates by vacuum or centrifuge, large sample series or automation
Protein A Mag Sepharose	28-9440-06 28-9513-78	•								• Magnetic beads for coupling of an IgG affinity molecule, immunoprecipitation applications
Protein G HP SpinTrap	28-9031-34	•								• Coupling of an IgG affinity molecule, spin column format
Protein A/G HP SpinTrap Buffer Kit	28-9135-67	•								• Buffers for immuno-affinity enrichment using the Protein A HP SpinTrap, Protein G HP SpinTrap, and Ab SpinTrap
Protein G HP MultiTrap	28-9031-35	•								• Coupling of an IgG affinity molecule in 96-well filter plates by vacuum or centrifuge, larger sample series or automation
Protein G Mag Sepharose	28-9440-08 28-9513-79	•								• Magnetic beads for coupling of an IgG affinity molecule, immunoprecipitation applications
Ab SpinTrap	28-4083-47	•								• Coupling of an IgG affinity molecule, spin column format, larger pack size
Immunoprecipitation Starter Pack	17-6002-35	•								• Coupling of an IgG affinity molecule, batch application
Phos SpinTrap Fe	28-9298-81	•								• Enrichment of phosphorylated peptides, spin column format, IMAC precharged with Fe
TiO ₂ Mag Sepharose	28-9440-10 28-9513-77	•								• Magnetic beads, titanium dioxide chromatography for enrichment of phosphorylated peptides
MagRack 6	28-9489-64									Magnetic rack designed for Mag Sepharose products, enables preparation of up to six samples in 1.5 ml microcentrifuge tubes
MagRack Maxi	28-9864-41									Magnetic rack designed for Mag Sepharose, enables preparation of sample volumes up to 50 ml

Small-scale Antibody Purification

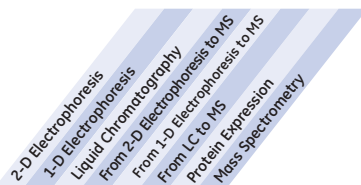
Protein A HP SpinTrap	28-9031-32	•								• Purification of IgG, spin column format
Protein A HP MultiTrap	28-9031-33	•								• Purification of IgG in 96-well filter plates by vacuum or centrifuge, larger sample series or automation
Protein A Mag Sepharose Xtra	28-9670-56 28-9670-62	•								• Magnetic beads for small-scale purification/screening of monoclonal and polyclonal antibodies from various species
Protein G HP SpinTrap	28-9031-34	•								• Purification of IgG, spin column format
Protein G HP MultiTrap	28-9031-35	•								• Purification of IgG in 96-well filter plates by vacuum or centrifuge, larger sample series or automation
Protein G Mag Sepharose Xtra	28-9670-66 28-9670-70	•								• Magnetic beads for small-scale purification/screening of monoclonal and polyclonal antibodies from various species
Ab SpinTrap	28-4083-47	•								• Purification of IgG, spin column format, larger pack size
Ab Buffer Kit	28-9030-59	•								• Buffers for antibody purification using the Protein A HP SpinTrap, Protein G HP SpinTrap, and Ab SpinTrap
rProtein A GraviTrap™	28-9852-54	•								• Purification of antibodies in milligram scale, gravity-flow column
Protein G GraviTrap	28-9852-55	•								• Purification of antibodies in milligram scale, gravity-flow column
rProtein A/Protein G GraviTrap	28-9852-56	•								• Purification of antibodies in milligram scale, gravity-flow column

Desalting/Buffer Exchange/Clean-up

Disposable PD-10 Desalting	17-0851-01	•	•							• Clean-up of proteins/oligosaccharides, sample volumes up to 2.5 ml, gravity-flow/centrifugation
LabMate™ PD-10 Buffer	18-3216-03	•	•							• Buffer reservoir for easy equilibration
PD MidiTrap™ G-25	28-9180-08	•	•							• Clean-up of proteins/oligosaccharides, sample volumes up to 1.0 ml, gravity-flow/centrifugation
PD MiniTrap™ G-25	28-9180-07	•	•							• Clean-up of proteins/oligosaccharides, sample volumes up to 0.5 ml, gravity-flow/centrifugation
PD SpinTrap G-25	28-9180-04	•	•							• Clean-up of proteins/oligosaccharides, sample volumes up to 130 µl, microcentrifugation
PD MultiTrap G-25	28-9180-06	•	•							• Clean-up of proteins/oligosaccharides in 96-well plates by centrifuge, sample volumes up to 130, larger sample series or automation
PD MidiTrap G-10	28-9180-11	•	•							• Clean-up of peptides/small proteins, sample volumes up to 800 µl, gravity flow
PD MiniTrap G-10	28-9180-10	•	•							• Clean-up of peptides/small proteins, sample volumes up to 300 µl, gravity flow

For more information on protein sample preparation, please visit www.gelifesciences.com/sampleprep

Protein Sample Preparation (cont.)



Desalting/Buffer Exchange/Clean-up (cont.)

Mini Dialysis Kit – 1 kDa cut-off	80-6483-75	•	•	•					•	•	•	Dialysis of small sample volumes, 250 µl and 2 ml
	80-6483-94	•	•	•					•	•	•	Dialysis of small sample volumes, max. sample volume 2 ml
Mini Dialysis Kit – 8 kDa cut-off	80-6484-13	•	•	•					•	•	•	Dialysis of small sample volumes, 250 µl and 2 ml
	80-6484-32	•	•	•					•	•	•	Dialysis of small sample volumes, max. sample volume 2 ml
2-D Clean-Up Kit	80-6484-51	•										• Removal of interfering contaminants and concentration of total protein
SDS-PAGE Clean-Up Kit	80-6484-70	•										• Removal of interfering contaminants

Enzyme Regulation

Protease Inhibitor Mix	80-6501-23	•	•	•								• Protease inhibitor cocktail
Nuclease Mix	80-6501-42	•	•	•								• Cocktail of nucleases for the removal of DNA and RNA from the protein sample

Fractionation

2-D Fractionation Kit	80-6501-04	•	•	•								• Fractionation of the total protein in the sample into six discrete fractions
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Total Protein Quantitation

2-D Quant Kit	80-6483-56	•	•	•	•	•	•	•	•	•	•	•	Quantitation of protein amount using a colorimetric assay
NanoVue™ Plus	28-9569-65	•	•	•					•	•	•	•	UV/Visible spectrophotometer for quick and accurate quantitation of nucleic acids and proteins, 0.5 to 2 µl sample volumes

Histidine-tagged Protein Capture

His GraviTrap	11-0033-99											•	Purification of histidine-tagged proteins, with high binding capacity, gravity flow column	
His GraviTrap TALON	29-0005-94												Gravity flow columns for purification of histidine-tagged proteins to high purity	
His Mag Sepharose Ni	28-9673-88 28-9673-90 28-9799-17												•	Magnetic beads for small-scale purification/screening of histidine-tagged proteins
His Mag Sepharose excel	17-3712-20 17-3712-21 17-3712-22												•	Magnetic beads for small-scale purification/screening of histidine-tagged proteins from expression in mammalian and insect cell systems
His GraviTrap Kit	28-4013-51												•	Gravity flow columns for histidine-tagged protein purification and buffers
His MultiTrap HP	28-4009-89												•	Purification of histidine-tagged proteins with high binding capacity in 96-well filter plates by vacuum or centrifuge, for larger sample series or automation
His MultiTrap FF	28-4009-90												•	Purification of histidine-tagged proteins with high binding capacity in 96-well filter plates by vacuum or centrifuge, for larger sample series or automation
His MultiTrap TALON	29-0005-96												•	Purification of histidine-tagged proteins with high purity in 96-well filter plates by vacuum or centrifuge, for larger sample series or automation
His SpinTrap	28-4013-53												•	Purification of histidine-tagged proteins with high binding capacity, spin column format
His SpinTrap TALON	29-0005-93												•	Purification of histidine-tagged proteins with high purity, spin column format
His SpinTrap Kit	28-9321-71												•	Microspin columns and premade buffers for histidine-tagged protein purification
His Buffer Kit	11-0034-00												•	Buffers for the purification of histidine-tagged proteins using His GraviTrap, HisTrap, or His SpinTrap
Anti-His Antibody	27-4710-01												•	Unconjugated antibody with affinity for the histidine tag
HisTrap™ HP columns	17-5247-01												•	Simple purification with a syringe or chromatography system such as ÄKTA™
HisTrap FF columns	17-5319-01												•	Simple purification with a syringe or chromatography system such as ÄKTA
HisPrep™ FF 16/10 column	17-5256-01												•	Easy scale-up purification of histidine-tagged proteins
HisTrap FF crude Kit	28-4014-77												•	Purification with a syringe or chromatography system such as ÄKTA, no filtration of the sample

Maltose Binding Protein (MBP)-tagged Protein Capture

MBPTrap™ HP	28-9187-78												•	Simple purification with a syringe or chromatography system such as ÄKTA
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Strep-tag™ II-tagged Protein Capture

StrepTrap™ HP	28-9075-46												•	Simple purification with a syringe or chromatography system such as ÄKTA
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GST-tagged Protein Capture

GST Detection Module	27-4590-01												•	Identification of GST-tagged proteins by biochemical or immunological assay
GST 96-well Detection Module	27-4592-01												•	Reagents and plates with precoated wells for the detection of GST-tagged proteins
GSTPrep™ FF 16/10 column	28-9365-50												•	Simple purification with a syringe or chromatography system such as ÄKTA
GSTPrep™ HP columns	17-5281-01												•	Simple purification with a syringe or chromatography system such as ÄKTA
GSTrap FF columns	17-5130-02												•	Simple purification with a syringe or chromatography system such as ÄKTA
GSTrap 4B columns	28-4017-45												•	Simple purification with a syringe or chromatography system such as ÄKTA
GST GraviTrap	28-9523-60												•	Purification of GST-tagged proteins in gravity-flow format
GST MultiTrap FF	28-4055-01												•	Purification of GST-tagged proteins in 96-well filter plates by vacuum or centrifuge, for larger sample series or automation

Buffer and Sample Filtration, Sample Collection

	Pack Size	Code No.
Klari-Flex™ Bottle Top Filtration System for Sterile Filtration		
KF 250 ml 0.22 PES Funl Sterile	12/pk	6515-2502
KF 500 ml 0.22 PES Funl Sterile	12/pk	6515-5002
KF 1000 ml 0.22 PES Funl Sterile	12/pk	6515-1002
Klari-Flex Bottle Top System Hardware for Sterile Filtration		
KF Cradle Ring	1/pk	6517-0001
KF Pedestal Stand	1/pk	6517-0002
Polycap PES Filter Capsules for Sterile Filtration		
Polycap 36 0.2/0.2 PES with filling bell/Sterile	1/pk	6715-3602
Polycap 36 0.2/0.2 PES with filling bell/Sterile	1/pk	6715-7502
Polycap 150 0.2/0.2 PES with filling bell/Sterile	1/pk	6718-9502
SPARTAN™ 13 mm Syringe Filters		
13 mm Spartan, 0.2 µm RC	100/pk	10463100
13 mm Spartan, 0.45 µm RC	100/pk	10463110
SPARTAN 30 mm Syringe Filters		
30 mm Spartan, 0.2 µm RC	100/pk	10463060
30 mm Spartan, 0.45 µm RC	100/pk	10463050
GD/X Syringe Filter for Lysate Clarification		
25 mm GD/X 0.2 µm PES (Sterile)	50/pk	6896-2502
25 mm GD/X 0.45 µm PES (Sterile)	50/pk	6896-2504
Syringe filters for Sterile Filtration		
4 mm Puradisc 0.2 µm PVDF (Sterile)	50/pk	6791-0402
25 mm Puradisc 0.2 µm PES (Sterile)	50/pk	6780-2502
25 mm Puradisc 0.45 µm PES (Sterile)	50/pk	6780-2504
Mini-UniPrep™ Syringeless Filters for LC and LC-MS		
Mini-UniPrep 0.2 µm PES (with Slit Septum Cap)	100/pk	US203NPEPES
Mini-UniPrep 0.2 µm RC (with Standard Cap)	100/pk	UN203NPERC
Sample Collection Card		
ProteinSaver US	100/pk	10534612
ProteinSaver EU	100/pk	10531018

Nucleic Acid Sample Preparation

PCR and RT-PCR

Amplification method	Starting quantity	ExoProStar™	GPX PCR and Gel Band	GPX 96 PCR	MicroSpin G-25	AutoSeq G-25	ProbeQuant G-50	NICK columns	NAP-5 columns	NAP-10 columns	NAP-25 columns	CyScribe GPX	MicroSpin G-50	MicroSpin S-200	MicroSpin S-300	MicroSpin S-400	Hot Start Mix Ready-To-Go*	Hot Start Master Mix Ready-To-Go*	PureTaq Ready-To-Go* PCR	RTG RT-PCR*	
PCR	Basic PCR (amplicon up to 3 kb)																				
	Hot start PCR (amplicon up to 3 kb)																				
	Long-range PCR (amplicon up to 20 kb)																				
RT-PCR	Basic RT-PCR (amplicon up to 3 kb)																				
	Long-range RT-PCR (amplicon up to 6 kb)																				
Downstream applications	Genotyping																				
	Cloning and sequencing																				
	Gene expression																				

* Ready-To-Go (RTG™) is a single-dose, room temperature stable bead format that contains all PCR or RT-PCR components. You only need to add DNA template, primer, and water for a reaction.

DNA Clean-up

Sample types	Starting quantity	ExoProStar™	GPX PCR and Gel Band	GPX 96 PCR	MicroSpin G-25	AutoSeq G-25	ProbeQuant G-50	NICK columns	NAP-5 columns	NAP-10 columns	NAP-25 columns	CyScribe GPX	MicroSpin G-50	MicroSpin S-200	MicroSpin S-300	MicroSpin S-400
PCR products	Any size, for sequencing only															
	50 bp to 10 kb, few samples															
	100 bp to 10 kb, many samples															
	10 to 50 bp															
Agarose gel slices or enzyme removal	50 kbp to 10 bp															
Sequencing reactions	12 to 25 µl															
Labeled DNA fragments	> 20 bases															
	> 10 bases															
	100 µg sample in 100 µl or no microcentrifuge															
Oligonucleotides	100 to 150 µl															
	0.1 to 0.5 ml															
	0.5 to 1 ml															
	1 to 2.5 ml															
cDNA	CyDye™ labeled probes															
A range of sample types PCR, sequencing, and labeling reactions	25 to 50 µl for labeled DNA															
	10 to 100 µl for buffer exchange or desalting															
A range of volumes and sample sizes	PCR (25 to 50 µl) or labeling reaction (25 to 50 µl) < 100 bp															
	PCR (25 to 50 µl) or labeling reaction (50 to 75 µl) or fragment < 200 bp															
	PCR (50 to 100 µl) or labeling reaction (75 to 100 µl) or remove primers > 24 bases															
Downstream applications	Cloning and sequencing															
	Gene expression															
	Genotyping															

Nucleic Acid Sample Preparation (cont.)

Plasmid DNA Preparation

Sample types	Starting quantity	plasmidPrep Mini	plasmidPrep Midi	Tempiphi 100/500*	Tempiphi Large Construct	Tempiphi Sequence Resolver Kit*
Bacterial culture	1 µl (high-throughput)					
	1 µl (low- to medium-throughput)			•		
	1 to 3 ml	•				
	25 to 500 ml		•			
Bacterial colony	< 1 colony (high-throughput)					
	< 1 colony (low- to medium-throughput)				•	
Bacteria glycerol stock	< 1 µl (high-throughput)					
	< 1 µl (low- to medium-throughput)				•	
Purified DNA (small vectors)	> 1 ng (high-throughput)					
	> 1 ng (low- to medium-throughput)			•		
Purified BAC/fosmid DNA	> 1 ng					•
Difficult templates (GC rich, secondary structures)	0.1 to 1 ng					•
	M13 phage plaque	< 1 plaque				•
M13 phage glycerol stock	< 1 µl					•
	Cloning	•	•			
Downstream applications	Sequencing	•	•	•	•	•

* Can be used directly for PCR and subcloning. Additional steps will be needed for transformation or transfection.

RNA Preparation

Sample type and format	Starting quantity	RNAspin Mini	RNAspin Midi	RNAspin 96	Quickprep mRNA	Quickprep Micro mRNA	mRNA Purification Kit
Total RNA							
Cultured cells and tissue	Up to 200 mg tissue or 5×10^7 cells	•					
Tube format	10 to 30 mg or up to 2×10^6 cells	•					
96-well plate vacuum	10 to 30 mg or up to 2×10^6 cells			•			
96-well plate centrifuge	30 mg or up to 1×10^7 cells			•			
mRNA purification	1 to 5×10^7 cells or 0.5 g tissue				•		
Eukaryotic cells or tissue	1 to 1×10^7 cells or 100 mg tissue					•	
Eukaryotic total RNA	Total RNA or 25 mg to 1 g tissue						•
Downstream applications	Gene expression	•	•	•	•	•	•

DNA, RNA, and Protein Preparation

Sample type	Starting quantity	triplePrep kit
Cultured cells	0.3 to 5×10^7 cells	•
Animal tissue	1 to 20 mg tissue	•
Downstream applications	Cloning and sequencing	•
	Gene expression	•
	Genotyping	•
	Protein analysis (1-D, 2-D, LCMS)	•

For more information on nucleic acid sample preparation, please visit www.gelifsciences.com/sampleprep

Nucleic Acid Sample Preparation (cont.)

Genomic DNA Preparation

Sample types	Starting quantity (DNA yield)	tissue & cells Mini Spin	tissue & cells Midi Flow	blood Mini Spin	blood Midi Flow	bacteria Mini Spin	BACC1	BACC2 & BACC3	Nucleon HT	Phytopure	GenomiPhi V2	GenomiPhi HV
Animal tissue	> 300 cells (4 to 7 µg DNA yield)									•	•	
	> 300 cells (40 to 50 µg DNA yield)											•
	5 to 50 mg	•										
	Up to 200 mg		•									
Paraffin-embedded tissue or difficult samples	Up to 25 mg							•				
	20 to 30 µm thick paraffin section							•				
Cultured cells	> 300 cells (4 to 7 µg DNA yield)										•	
	> 300 cells (40 to 50 µg DNA yield)											•
	Up to 5.0 × 10 ⁵ cells	•										
	1 to 3 × 10 ⁶					•						
	Up to 2.0 × 10 ⁷ cells		•									
	3 × 10 ⁶ to 1 × 10 ⁷ cells						•					
Blood	5 to 10 µl (4 to 7 µg DNA yield)										•	
	5 to 10 µl (40 to 50 µg DNA yield)											•
	50 to 300 µl			•								
	1 ml					•						
	1 to 8 ml				•							
	10 ml						•					
Buffy coat	5 to 10 µl (4 to 7 µg DNA yield)										•	
	5 to 10 µl (40 to 50 µg DNA yield)											•
	50 to 300 µl			•								
Nucleated red blood cells	10 µl (4 to 7 µg DNA yield)										•	
	10 µl (40 to 50 µg DNA yield)											•
	10 µl			•								
	25 to 200 µl (tested)				•							
Bone marrow (suspended cells)	5 to 10 µl (4 to 7 µg DNA yield)										•	
	5 to 10 µl (40 to 50 µg DNA yield)											•
	200 µl			•								
Bacteria (Gram - and +)	> 300 cells (4 to 7 µg DNA yield)										•	
	> 300 cells (40 to 50 µg DNA yield)											•
	Up to 4.0 × 10 ⁹				•							
Plants	1 cm leaf (4 to 7 µg DNA yield)										•	
	1 cm leaf (40 to 50 µg DNA yield)											•
	1 seed (4 to 7 µg DNA yield)										•	
	1 seed (40 to 50 µg DNA yield)											•
	Up to 1.0 g								•			
FTA paper/Guthrie card	3 × 3 mm piece (4 to 7 µg DNA yield)										•	
	3 × 3 mm piece (40 to 50 µg DNA yield)											•
Buccal swab	Single swab			•								
	Single swab (4 to 7 µg DNA yield)										•	
	Single swab (40 to 50 µg DNA yield)											•
Purified genomic DNA	> 10 ng (4 to 7 µg DNA yield)										•	
	> 10 ng (40 to 50 µg DNA yield)											•
Downstream applications	Genotyping	•	•	•	•	•	•	•	•	•	•	•
	Cloning and sequencing	•	•	•	•	•	•	•	•	•	•	•

Ordering information

Columns	Pack size	Code No.
Genomic DNA Preparation		
Genomic DNA Purification		
illustra tissue and cells genomicPrep™ Mini Spin Kit	50	28-9042-75
	250	28-9042-76
illustra tissue and cells genomicPrep Midi Flow Kit	25	28-9042-73
illustra blood genomicPrep Mini Spin Kit	50	28-9042-64
	250	28-9042-65
illustra blood genomicPrep Midi Flow Kit	25	28-9042-61
	100	28-9042-62
illustra bacteria genomicPrep Mini Spin Kit	50	28-9042-58
	250	28-9042-59
Nucleon™ BACC1 Genomic DNA Kit	50	RPN8501
Nucleon BACC2 Genomic DNA Kit	50	RPN8502
Nucleon BACC3 Genomic DNA Kit	50	RPN8512
Nucleon PhytoPure	50 × 0.1 g	RPN8510
	50 × 1.0 g	RPN8511
Nucleon HT (hard tissue)	50	RPN8509
Whole Genome Amplification		
illustra GenomiPhi™ V2 DNA Amplification Kit	25	25-6600-30
	100	25-6600-31
	500	25-6600-32
illustra GenomiPhi HY DNA Amplification Kit	25	25-6600-22
	100	25-6600-20
	1000	25-6600-25
Plasmid DNA Preparation		
Plasmid DNA Purification		
illustra plasmidPrep Mini Spin Kit	50	28-9042-69
	250	28-9042-70
illustra plasmidPrep Midi Flow Kit	25	28-9042-67
	100	28-9042-68
Sephacryl™ S-1000 SF	750 ml	17-0476-01
Yeast Plasmid Isolation Kit	50	US79220-50RXNS
Rolling Circle Amplification – Template Amplification		
illustra TempliPhi™ 100 DNA Amplification Kit	100	25-6400-10
illustra TempliPhi 500 DNA Amplification Kit	500	25-6400-50
illustra TempliPhi Large Construct Kit	1000	25-6400-80
illustra TempliPhi Sequence Resolver Kit	20 rxns	28-9035-29
	50 rxns	28-9035-30
	200 rxns	28-9035-31
RNA Preparation		
Total RNA		
illustra RNAspin Mini Kit	20	25-0500-70
	50	25-0500-71
	250	25-0500-72
illustra RNAspin Midi Kit	20	25-0500-73
illustra RNAspin 96 Kit	4 × 96	25-0500-75
illustra RNAspin 96 Filter Plate	1	25-0500-88
illustra CsTFA (solution)	100 ml	17-0847-02
mRNA		
illustra QuickPrep™ Micro mRNA Purification Kit	1	27-9255-01
illustra QuickPrep mRNA Purification Kit	4	27-9254-01
illustra mRNA Purification Kit	2	27-9258-01
	4	27-9258-02
PCR		
PCR Kits & Components		
illustra Hot Start Mix RTG 0.5 ml	100 rxn	28-9006-46
illustra Hot Start Mix RTG 0.2 ml	96 rxn	28-9006-53
	480 rxn	28-9006-54
illustra Hot Start Master Mix	100	25-1500-01
illustra PuReTaq Ready-To-Go™ PCR Beads 0.2 ml	96 rxn plate	27-9557-01
	5 × 96 rxn plate	27-9557-02
illustra PuReTaq Ready-To-Go PCR Beads 0.5 ml	100 rxn tubes	27-9558-01
illustra PuReTaq Ready-To-Go PCR Beads 0.2 ml	96 rxn h-tube	27-9559-01
illustra Ready-To-Go RAPD Analysis Beads	100	27-9500-01
illustra Ready-To-Go RAPD Analysis Kit	100 + 6 Primers	27-9502-01
RT-PCR		
RT-PCR Kits & Components		
illustra Ready-To-Go RT-PCR Beads 0.5 ml	100 rxn tubes	27-9266-01
illustra Ready-To-Go RT-PCR Beads 0.2 ml	96 rxn tube	27-9267-01
	96 rxn h-tube	27-9259-01

Columns	Pack size	Code No.
DNA Clean-up		
Purification of PCR Products and Restriction Fragments		
illustra GFX™ PCR DNA and Gel Band Purification Kit	100	28-9034-70
	250	28-9034-71
illustra GFX 96 PCR Purification Kit	10 × 96	28-9034-45
illustra MicroSpin™ S-400 HR columns	50	27-5140-01
illustra MicroSpin S-300 HR columns	50	27-5130-01
illustra MicroSpin G-25 columns	50	27-5325-01
illustra ExoProStar	20	US78220
	100	US78210
	500	US78211
	2000	US78212
	5000	US78225
illustra ExoProStar 1-Step*	20	US77701
	100	US77702
	500	US77705
	2000	US77720
	5000	US77750
Dye Terminator Removal		
illustra AutoSeq G-50	50	27-5340-01
	250	27-5340-02
	1000	27-5340-03
illustra MicroSpin G-50 columns	50	27-5330-01
	250	27-5330-02
illustra MicroSpin S-200 HR columns	50	27-5120-01
Labeling and Clean-up		
illustra CyScribe GFX Purification Kit	25	27-9606-01
	50	27-9606-02
illustra NICK columns	20	17-0855-01
	50	17-0855-02
illustra ProbeQuant™ G-50 Micro columns	50	28-9034-08
Desalting and Nucleotide Removal		
illustra MicroSpin G-25 columns	50	27-5325-01
illustra NAP™-5	20	17-0853-01
	50	17-0853-02
illustra NAP-10	20	17-0854-01
	50	17-0854-02
illustra NAP-25	20	17-0852-01
	50	17-0852-02
illustra Sephadex™ G-25 DNA Grade SF	100 g	17-0572-02
illustra Sephadex G-50 DNA Grade F	25 g	17-0573-01
	100 g	17-0573-02
illustra Sephadex G-100 DNA Grade SF	100 g	17-0574-02
Nucleotides		
illustra dATP, 100 mM	25 µmol	28-4065-01
	100 µmol	28-4065-02
	500 µmol	28-4065-03
illustra dCTP, 100 mM	25 µmol	28-4065-11
	100 µmol	28-4065-12
	500 µmol	28-4065-13
illustra dGTP, 100 mM	25 µmol	28-4065-21
	100 µmol	28-4065-22
	500 µmol	28-4065-23
illustra dTTP, 100 mM	25 µmol	28-4065-31
	100 µmol	28-4065-32
	500 µmol	28-4065-33
illustra dUTP, 100 mM	25 µmol	28-4065-41
	100 µmol	28-4065-42
illustra dNTP Set (100 mM each A,C,G,T)	4 × 25 µmol	28-4065-51
	4 × 100 µmol	28-4065-52
	4 × 500 µmol	28-4065-53
illustra DNA Polymerization Mix dNTP Set (20 mM each A,C,G,T)	10 µmol	28-4065-57
	40 µmol (4 × 10 µl)	28-4065-58
illustra PCR Nucleotide Mix dNTP Set (25 mM each A,C,G,T)	500 µl	28-4065-60
illustra PCR Nucleotide Mix dNTP Set (2 mM each A,C,G,T)	1 ml	28-4065-62
illustra PCR Nucleotide Mix dNTP Set (10 mM each A,C,G,T)	500 µl	28-4065-64
DNA, RNA and protein preparation		
illustra triplePrep Kit	50	28-9425-44

* Not available in North America or Japan



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